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The CHEMIST

SEPTEMBER, 1936 — VOLUME XIII, NO. 6

AMERICAN INSTITUTE OF CHEMISTS

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CONSTITUTION

BY-LAWS

CODE OF ETHICS

ROSTER

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The CHEMIST

Publication of

THE AMERICAN INSTITUTE OF CHEMISTS, INC.

V. F. KIMBALL, *Editor*, 233 Broadway, New York City

VOLUME XIII SEPTEMBER, 1936 NUMBER 6

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THE AMERICAN INSTITUTE OF CHEMISTS
HOWARD S. NEIMAN, *Secretary*
233 Broadway
New York, N. Y.

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THE AMERICAN INSTITUTE OF CHEMISTS

FOUNDED JANUARY 22, 1923
INCORPORATED MAY 5, 1926

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Arthur W. Burwell, Niagara

CHAPTERS

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Council Representative, Lloyd Van Doren

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Takoma Park, Maryland

Medal of
The American Institute of Chemists

"For noteworthy and outstanding service to the science of chemistry or the profession of chemist in America."

Awarded for 1936 to

MARSTON TAYLOR BOGERT

Past Medalists

1926 William Blum
1927 Lafayette B. Mendel
1929 Mr. and Mrs. Francis Patrick Garvan
1930 George Eastman
1931 Andrew W. and Richard B. Mellon
1932 Charles H. Herty
1933 Henry C. Sherman
1934 James Bryant Conant

Student Medals of The American Institute of Chemists

CHAPTER AWARDS—1935

New York Chapter

Edward Adler, College of the City of New York
John Boustead, Stevens Institute of Technology
Hannah Elizabeth Chelius, College of Saint Elizabeth
Sol Kipness, Brooklyn College
John W. Plauka, Rutgers University

Niagara Chapter

John E. Seubert, University of Buffalo

Washington Chapter

Harry L. Clark, Jr., George Washington University
Hillman C. Harris, University of Maryland
Louis Robert Heiss, American University
Francis Patrick McGrath, Georgetown University

CHAPTER AWARDS—1936

New York Chapter

Clarence J. Arrowsmith, Polytechnic Institute of Brooklyn
Chester J. Cavallito, Rutgers University
Julian Dorsky, Brooklyn College
David Gurinsky, New York University
Wilbur V. Keegan, Fordham University
Regina Kelly, College of Saint Elizabeth
Alexander Lesuk, College of the City of New York
Frederick L. Matthews, Jr., Columbia University

Niagara Chapter

Arthur C. Flueckinger, University of Buffalo
Arthur S. Helin, Niagara University

Washington Chapter

Jeanne Beadle Burbank, The American University
Bernard J. Entner, Georgetown University
Joseph A. Grand, Catholic University of America
Leila S. Green, Howard University
William A. Heine, George Washington University
Leonard Smith, University of Maryland

Constitution and By-Laws

of

The American Institute of Chemists, Inc.

CONSTITUTION

This Constitution consists of the following Articles:

Article I—Name and Objectives
Article II—Membership
Article III—Officers and Manner of Election
Article IV—Directors
Article V—Committees
Article VI—Chapters
Article VII—Amendments
Article VIII—By-Laws

ARTICLE I

Name and Objectives

SECTION 1. The name of this organization shall be The American Institute of Chemists.

SEC. 2. Its objectives shall be to advance the profession of chemistry in the United States of America.

To this end it will:

(1) Provide and enforce a code of principles of professional conduct which merits public esteem and justifies confidence in the integrity of the chemist;

(2) Establish and maintain a standard of proficiency of such excellence as to insure competent and efficient service;

(3) Secure an adequate basic training for the profession, and admit to fellowship in the Institute only those of proved education, experience, competency, and character;

(4) Strive to enhance the prestige and distinction of the profession so as to extend its influence and usefulness;

(5) Establish and maintain a register of its membership in which there will be a complete record of the training, experience, and fitness for service of each individual member;

(6) Seek to improve the economic status of the profession by coöperating with employers to secure a satisfactory appreciation and evaluation of the services of the chemist;

(7) Provide a means for the appropriate recognition of distinguished service to the profession;

(8) Coöperate with all the agencies serving chemistry to make the profession of chemistry a powerful factor in the advancement of intellectual and material progress in the United States of America, to the end that this nation shall assume its rightful place as a leader among the nations of the world in scientific thought and accomplishment;

(9) Lend support to the work of the chemical societies in the education of the public to a better appreciation of the contribution of the chemist to world progress; and

(10) Render such other services to the profession as developments shall warrant and The American Institute of Chemists shall approve.

ARTICLE II

Membership

SECTION 1. The membership of the Institute shall consist of (1) Honorary Members; (2) Life Members; (3) Fellows; (4) Associates; (5) Juniors; (6) Student Members.

SEC. 2 All members of the American Institute of Chemists shall be citizens of the United States of America.

SEC. 3. Student Members shall consist of those who have attained the fourth year in chemistry or chemical engineering in an educational institution of recognized standing.

SEC. 4. Juniors shall consist of those who have received the bachelor's degree, or its equivalent, on completion of four years in chemistry or chemical engineering in an educational institution of recognized standing.

SEC. 5. Associates shall consist of those who have had a minimum of six years of collegiate and post-graduate work in chemistry or chemical engineering, at least two years of which training must be of an advanced nature, or those who can demonstrate to the satisfaction of the Council that they have the equivalent of this educational training as provided in Section 8.

SEC. 6. Fellows shall consist of those who have the qualifications of Associates and an additional five years of experience and responsibility in the practice of the profession. Those who received their academic training prior to 1926 may substitute two years of professional experience for the two years of graduate study.

SEC. 7. Applications for membership shall be made in writing on

the form approved by the Council. These applications shall be submitted to the Council. Approval by the Council, after due investigation shall have been made, shall constitute election of the applicant, and his name shall be placed upon the roll by the Secretary.

SEC. 8. The Council is empowered to consider and accept qualifications other than those above set forth and to provide such means of ascertaining the qualifications of prospective members as it may deem desirable, or as the Institute shall direct.

SEC. 9. Voting power in the Institute shall be vested exclusively in the Fellows. Associates, Juniors, and Student Members may attend all meetings and may have the privilege of the floor. Associates, Juniors, and Student Members shall receive all publications and notices of the Institute.

SEC. 10. The name of any member may be dropped from the roll for failure to pay his dues within a year from date due, or for cause by a two-thirds vote of the Council, after due notification and an opportunity to be heard has been given him.

ARTICLE III

Officers and Manner of Election

SECTION 1. The officers of the Institute shall be:

a A President, a Vice-president, a Treasurer, and a Secretary.

b A Council composed of the President, Vice-president, Treasurer, and Secretary of the Institute, nine Councilors-at-large, and a representative from each chapter.

c A Board of Directors, composed of the President, Vice-president, Treasurer, and Secretary of the Institute, *ex-officio,* and the nine Councilors-at-large, elected in the manner prescribed in Section 2 of this Article.

The foregoing officers and three Directors or Councilors-at-large shall be elected at the Annual Meeting and shall hold office until their successors have been elected and installed. The chapter representative shall be elected annually by each chapter.

SEC. 2-a. The term of office of the officers shall be two years; that of the nine Directors or Councilors-at-large shall be three years. Vacancies among the Councilors-at-large or among the officers shall be filled by the Council, the Councilor-at-large, or officer so appointed to serve until the next Annual Meeting.

SEC. 2-b. The officers, excepting the Secretary, and the nine Directors or Councilors-at-large shall not be eligible to serve more than two successive terms in the same office or capacity.

SEC. 3. The Council shall elect an Executive Secretary who shall also act as an executive officer under the direction of the Council, and who may be the Secretary.

SEC. 4. The Council shall also be empowered to elect or appoint such other agents or employees as may be necessary for the proper conduct of the affairs of the Institute.

SEC. 5. The two immediately preceding past presidents of the Institute shall be ex-officio members of the Council.

ARTICLE IV
Directors

SECTION 1. The Directors shall be the legal representatives of the Institute, shall have charge of the property and financial affairs of the Institute and shall perform such duties as are prescribed by law governing directors of corporations. Their meetings shall be held at the call of the President of the Institute, or any three Directors.

ARTICLE V
Committees

SECTION 1. The following regular standing committees shall be elected by the Council:

Professional Education
Ethics
Qualifications

Other committees may be established by the Council or may be authorized by the Institute.

SEC. 2. There shall be a Jury of Medal Award consisting of the President, the three immediately preceding Past Presidents, and the Secretary.

SEC. 3. There shall be a Committee on Nominations consisting of the President and Secretary of the Institute and the Chairmen of all of the Local Chapters.

SEC. 4. The President shall be *ex-officio* a member of all committees.

ARTICLE VI
Chapters

SECTION. 1. Local chapters may be established by the Council on written request of ten Fellows residing in the territory in which the local chapter is desired. Each chapter shall elect its own officers

and provide such rules for its government as are not inconsistent with the Constitution and By-laws of the Institute and the general constitution for local chapters approved by the Council. The local chapters shall receive for local use such portion of their annual dues as may be authorized by the Council or directed by the Institute. Any local chapter may be dissolved by the Council when such action shall be deemed to be for the benefit of the Institute.

SEC. 2. Student chapters may be established by the Council as provided in the By-laws.

ARTICLE VII

Amendments

SECTION 1. The Secretary shall submit to the Fellows any proposal to amend the Constitution of the Institute which shall be proposed by ten or more Fellows of the Institute in good standing, or by the Council.

SEC. 2. All such proposals to amend must be submitted in writing to the Secretary of the Institute at least sixty days before the Annual Meeting at which the proposal is to be presented for action.

SEC. 3. A copy of every proposal to amend shall be mailed to every Fellow of the Institute at least thirty days before the Annual Meeting at which it is to be presented for action.

SEC. 4. Every proposal to amend, duly made in the above manner, shall be laid before the Annual Meeting for discussion and vote. If the proposed amendment is approved by a two-thirds vote of the Fellows present, such proposed amendment shall be submitted to mail vote of the Fellows of the Institute for ratification.

SEC. 5. The ratification ballots shall be valid only if received by the Secretary within thirty days from the date of mailing, and approval by two-thirds of the valid votes shall constitute ratification.

ARTICLE VIII

By-Laws

SECTION 1. The Council is empowered to adopt such By-laws for the proper government of the affairs of the Institute as do not conflict with this Constitution.

SEC. 2. A By-law must be approved by a majority of those present at two successive Council meetings to become effective. Notice of proposed changes of the By-laws must be incorporated in the call for the second of such Council meetings.

BY LAWS

These By-laws include the following articles:

Article I—Duties of Officers
Article II—Council
Article III—Audit
Article IV—Committees
Article V—The Medal of The American Institute of Chemists
Article V-2—Student Medals of The American Institute of Chemists
Article VI—Meetings of the Institute
Article VII—Meetings of the Council and Directors
Article VIII—Quorum
Article IX—Nomination and Election of Officers and Councilors
Article X—Dues
Article XI—Use of Title of Fellow and Associate
Article XII—Forfeiture of Membership and Reinstatement
Article XIII—Order of Business
Article XIV—THE CHEMIST

ARTICLE I
Duties of Officers

SECTION 1. It shall be the duty of the President to preside at all meetings of the Council and of the Institute. He shall call meetings of the Institute, of the Directors, or of the Council, when he deems it necessary, or on written request of at least three Directors for a meeting of the Directors, or at least five members of the Council for a meeting of the Council, or of twenty-five Fellows of the Institute for a meeting of the Institute.

SEC. 2. In the absence of the President, the Vice-President or other member of the Council designated by the Council shall preside.

SEC. 3. The duties of the Treasurer and of the Secretary shall be those usually appertaining to such offices. The Secretary, in addition to performing the usual duties of that office, shall discharge such other duties as may be imposed upon him by the Council.

SEC. 4. The duties of the directors are those set forth in Article IV of the Constitution.

ARTICLE II
Council

SECTION 1. It shall be the duty of the Council to act as an advisory board in every matter pertaining to the policy of the Institute, to keep a record of its proceedings and report to the Institute at each Annual

Meeting. The Council shall exercise all functions requisite for the purposes of the Institute.

SEC. 2. The Council shall adopt an annual budget showing the money appropriated for the purposes of the Institute and estimating the revenue for the ensuing year. The budget shall be submitted to the Directors for approval, and upon approval by them shall be considered the budget for the ensuing year. No debts shall be contracted or money expended without the prior approval of the directors. No payments shall be made by the Treasurer without authority of the Council.

SEC. 3. The Chapter representative to the National Council shall present to and advocate before said Council all matters submitted to him by the Chapter for such presentation. He shall make a full report of such National Council actions as are of interest to the Chapter at each business meeting of the Chapter.

SEC. 4. Any member of the National Council who shall be absent from his duties for three successive meetings without satisfactory excuse in writing shall be declared by the Council to have vacated his office at its next subsequent regular meeting and the Council shall immediately appoint another member of the Institute to fill the office thus vacated until the next annual meeting.

ARTICLE III
Audit

The accounts of the Institute shall be audited by two auditors appointed by the President, who shall report at each Annual Meeting. The books and accounts shall be submitted by the Treasurer for audit at least three days preceding the date of the Annual Meeting.

ARTICLE IV
Committees

SECTION 1. The Committee on Professional Education shall study and formulate an approved curriculum for the study of chemistry and chemical engineering and strive to secure conformity to such curriculum.

SEC. 2. It shall be the duty of the Committee on Ethics to consider such changes as may be desirable in the code of ethics, to investigate all infractions of such code and to present a full statement of findings in instances of infraction to the National Council.

SEC. 3. It shall be the duty of the Qualifications Committee to consider the qualifications of applicants for membership in the Institute.

SEC. 4. It shall be the duty of the Committee on Nominations to notify the Secretary of the Institute, at least ninety days before each

annual meeting, of such Fellows as in its opinion are qualified for each office and councilorship to be filled at the next annual meeting. The Secretary of the Institute shall accompany each nomination blank with a list of such proposed names, with notice that they have been suggested by the Committee on Nominations.

SEC. 5. The duties of all other committees shall be those indicated by the title or by the resolutions under which such committee was constituted.

ARTICLE V

The Medal of The American Institute of Chemists

SECTION 1. A gold medal may be presented by The American Institute of Chemists under the conditions hereinafter set out. This medal shall be known as the medal of The American Institute of Chemists. The date of the founding of the medal shall be 1925, and the founding shall be for the purpose of stimulating activities of service to the science of chemistry or the profession of chemist.

SEC. 2. The Jury of Medal Award of The American Institute of Chemists shall have five members, each of whom, at the time of the award, shall be a member of The American Institute of Chemists. The Jury shall consist of the active President of The American Institute of Chemists, the three immediately preceding eligible Past Presidents of The American Institute of Chemists, and the Secretary of The American Institute of Chemists. Each member shall have but one vote. The senior Past President member of the Jury shall be the Chairman thereof, and the Secretary of The American Institute of Chemists shall be the Secretary of the Jury. Three members shall constitute a quorum. The vote shall be cast by ballot. No votes shall be cast by proxy, but the votes may be taken by mail.

SEC. 3. The award shall be made by a majority vote of the Jury of Medal Award. The award shall be made for noteworthy and outstanding service to the science of chemistry or the profession of chemist in America.

SEC. 4. The Jury of Medal Award shall meet upon call of the chairman.

SEC. 5. The Jury of Medal Award of The American Institute of Chemists shall have power to decide any question or questions not specifically covered by these rules.

ARTICLE V-2

Student Medals of The American Institute of Chemists

SECTION 1. Medals of bronze or other suitable metal may be

presented by The American Institute of Chemists under the conditions set forth hereafter. These medals shall be known as Student Medals of The American Institute of Chemists and be given in recognition of leadership, excellence in scholarship, and character, for the purpose of stimulating interest in the science of chemistry and the profession of chemist.

SEC. 2. These awards shall be made by the Council of The American Institute of Chemists, upon the recommendation of the respective Chapters.

SEC. 3. The award shall be to a senior who is majoring in chemistry at an educational institution of recognized standing.

SEC. 4. The Council shall determine the number of such awards to be made in each year, and not more than one award shall be conferred in an educational institution in a given year.

SEC. 5. The recipient of the award in each educational institution shall be recommended from the graduating class thereof by the chemistry faculty, in collaboration with the respective Chapter, or in the event that a Chapter is not closely located then in collaboration with the Council of The American Institute of Chemists. They shall be guided in their selection equally by scholarship, and by the personal qualities of integrity and leadership.

SEC. 6. The award shall be made preferably at the graduating exercises of the class of the recipient and by a Fellow of the Institute. However, the Council may, in its discretion, arrange the presentation in some other appropriate manner.

SEC. 7. The award of the Student Medal shall carry with it Junior membership in the Institute for one year.

SEC. 8. The cost of the medals shall be borne by the Chapter making the recommendations.

ARTICLE VI

Meetings of the Institute

SECTION 1. There shall be a regular Annual Meeting of the Institute at such time and place as shall be determined by the Council or by vote of the Institute. The fiscal year of the Institute shall end with the thirtieth day of April of each year.

SEC. 2. Notice of each Annual Meeting of the Institute shall be sent to each member at his last known address at least thirty days before each meeting.

SEC. 3. Other meetings of the Institute may be held as provided by the Council, to promote the purposes of the Institute.

SEC. 4. Chapter meetings may be held as may be provided by their own regulations.

SEC. 5. Meetings may be held by Student Members as authorized by the nearest Chapter of the Institute.

ARTICLE VII

Meetings of the Council and Directors

SECTION 1. Regular meetings of the Council shall be held as the members may determine.

SEC. 2. Notice of meeting of the Council shall be sent to each member at his last known address. Such notice shall contain a concise statement of the business to be transacted.

SEC. 3. Special meetings of the Council may be called as provided in Article 1, Section 1, of these By-laws.

SEC. 4. In lieu of a special meeting of the Council, the President may submit any question to the Council for vote by correspondence, and any action approved in writing by not less than two-thirds of the whole membership shall be declared by the President an act of the Council, and shall be recorded in the minutes of the Council.

SEC. 5. Meetings of the Board of Directors shall be held as provided in Article IV of the Constitution. For all meetings of the Board of Directors, notice shall be given by the Secretary to the members of said board at least one week prior to the date of said meetings and the notice of said meeting or meetings shall contain a statement of the business to be transacted.

ARTICLE VIII

Quorum

SECTION 1. Twenty-five Fellows of the Institute shall constitute a quorum for the transaction of any business duly presented at any meeting of the Institute.

SEC. 2. Five members of the Council shall constitute a quorum of the Council.

SEC. 3. Seven Directors shall constitute a quorum for all meetings of the Board of Directors.

ARTICLE IX

Nomination and Election of Officers and Councilors

SECTION 1. Nomination blanks shall be sent by the Secretary to all Fellows at least sixty days preceding each Annual Meeting. These blanks shall indicate the positions to be filled, and must be returned within fourteen days thereafter. The returned blanks shall be canvassed

by two tellers appointed for that purpose by the President, who shall certify the list of nominees to the Secretary.

SEC. 2. For the election of officers, the Secretary shall prepare and send to each Fellow, at least thirty days before the Annual Meeting, a ballot containing a list of three nominees for each position to be filled, arranged in the order of the number of nominating votes. For the election of Directors or Councilors-at-large the ballot shall contain the names of nominees, in twice the number to be elected, for each group to be filled, arranged in order of the number of nominating votes. Ballots must be returned within twenty days thereafter.

The ballot shall be counted by two tellers appointed for that purpose by the President, and the results shall be certified to the Council. The person receiving the highest number of votes for each position shall be declared elected. In case of a tie vote the decision shall be made by ballot at the Annual Meeting.

ARTICLE X

Dues

SECTION 1. The following shall be the annual dues: Fellows, $5.00; Associates, $3.00; Juniors, $2.00; Student Members $2.00.

The fee for Life Members shall be $100.00, said fee to be set aside and distributed to the common fund of the Institute according to the decision of the Council.

SEC. 2. All dues must be paid on or before May first of each year, or at the date of election to membership.

SEC. 3. No member shall be entitled to vote at any meeting when his dues shall be sixty days in arrears.

SEC. 4. Life members and Fellows, when elected, shall be entitled to a certificate setting forth that he or she is a Life Member or Fellow of the Institute, but no certificate shall be issued in advance of the receipt of dues for the current year. Certificates of membership must be returned to the Council upon termination of membership for any cause except death.

ARTICLE XI

Use of Title of Fellow and Associate

SECTION 1. Life Members and Fellows of the Institute shall be entitled to describe themselves as Fellows of the American Institute of Chemists (F.A.I.C.) and Associates as Associates of the American Institute of Chemists (A.A.I.C.).

ARTICLE XII
Forfeiture of Membership and Reinstatement

SECTION 1. A person whose membership shall have been forfeited for non-payment of dues or other sum due by him to the Institute may be reinstated on such terms and conditions as the Council may impose.

SEC. 2. A Life Member or Fellow or an Associate renders himself or herself liable to expulsion by the Council sitting as trial board if he or she transgresses any of the rules and regulations of the Institute.

ARTICLE XIII
Order of Business

SECTION 1. At all regular meetings of the Council and of the Institute the order of business shall be as follows:

a. Approval of minutes of previous meeting
b. Report of Secretary.
c. Report of Treasurer
d. Report of committees
e. Unfinished business
f. Special business
g. New business

SEC. 2. The rules of parliamentary procedure contained in Robert's Rules of Order shall govern all meetings of the Council and Institute.

ARTICLE XIV
THE CHEMIST

The official publication of the Institute shall be called THE CHEMIST. The Editor shall be appointed by the Council.

THE CHEMIST shall be issued monthly.

The subscription fee to THE CHEMIST shall be allocated from the annual dues, at the rate of two dollars ($2.00) a year from Fellows and Associates.

Code of Ethics

The American Institute of Chemists

THE profession of chemistry has become an increasingly important factor in the progress of civilization, and in the welfare of the community. Chemists are entitled to the position and authority which will enable them to discharge their responsibilities properly and to render effective service to humanity. In order that the honor and dignity of the profession be advanced and maintained, THE AMERICAN INSTITUTE OF CHEMISTS has prepared the following code to define the rules of professional conduct and ethics, binding on its members.

1. Every individual, on entering the profession of chemistry and thereby becoming entitled to full professional fellowship, incurs an obligation to advance the science and art of chemistry, to guard and uphold its high standard of honor, and to conform to the principles of professional conduct.

2. It is the duty of a chemist to bear his part in sustaining the laws, institutions, and burdens of his community.

3. The chemist shall not knowingly engage in illegal work or coöperate with those who are so engaged.

4. A chemist shall carry on his professional work and act in a strict spirit of fairness to employers, contractors, and clients, and in a spirit of personal helpfulness and fraternity toward other members of the chemical profession.

5. He shall refrain from associating with or allowing the use of his name by any enterprise of questionable character.

6. Advertising matter containing his name shall be dignified in tone and characterized by due scientific restraint. Such advertising matter shall not contain any statements which may tend to bring himself or his profession into disrepute. Equivocal or false statements, or statements which are liable to mislead shall not be permitted. The use of personal photographs or self-laudatory statements is condemned. If a title is used, it must be definitely characterized.

7. He shall coöperate in upbuilding the profession by exchanging general information and experience with his fellow chemists, and by contributing to the work of technical societies and the technical press,

where such information does not conflict with the interests of his client or employer. It is very desirable that the first publication regarding inventions or other scientific advances be made through the technical societies and technical publications and not through the public press. Care shall be taken that credit for technical work be attributed as far as possible to the real authors of the work.

8. If in his opinion, work requested of him by clients or employers seems to present improbability of successful results, he shall so advise before undertaking the work.

9. He shall be conservative in all estimates, reports, testimony, etc., and especially so if these are in connection with the promotion of a business enterprise.

10. He shall not accept compensation, financial, or otherwise, from more than one interested party without the consent of all parties concerned, and shall not accept commissions from outside parties on sales to his client or employer without their knowledge. He is, however, in no way debarred from accepting employment for more than one employer where there is no conflict of interests.

11. He shall not use any unfair, improper, or questionable methods of securing professional work or advancement, and shall decline to pay or accept commissions for securing such work.

12. He may use all honorable means in competition to secure professional employment but shall not, by unfair means, injure directly or indirectly, the professional reputation, prospects, or business of a fellow chemist; and shall not attempt to supplant a fellow chemist after definite steps have been taken toward the latter's employment.

13. He shall not knowingly accept employment by a client or employer as substitute while the claim for compensation or damage, or both, of a fellow chemist previously employed by the same client or employer and whose employment has been terminated, remains unsatisfied, or until such claim has been referred to arbitration, or issue has been joined at law, or unless the chemist previously employed has neglected to press his claim legally.

14. He shall be diligent in exposing and opposing such errors and frauds as his special knowledge enables him to recognize.

15. Any infractions of these principles of professional conduct, coming to his attention, shall be reported to the Ethics Committee of THE AMERICAN INSTITUTE OF CHEMISTS.

16. He shall not attempt to compete with a fellow chemist on the basis of professional charges, by reducing his usual charges in order to underbid, after being informed of the charges named by the competitor.

17. He shall not accept any engagement to review the professional work (except journal articles and similar scientific publications, and in litigation) of a fellow chemist without the knowledge of such chemist, or unless the connection of such chemist with the work has been terminated.

18. When undertaking work for a client or employer, he should enter into an agreement regarding the ownership of any and all data, plans, improvements, patents, designs, or other records which he may develop or discover while in the employ of such a client or employer. This agreement should include a restriction of the use of reports for advertiseing purposes. In the absence of a written understanding the following principles are held to apply:

a If a chemist uses information obtainable only from his client or employer which is not common knowledge or public property, any results in the form of designs, plans, inventions, processes, etc., shall be regarded as the property of the employer.

b If a chemist uses his own knowledge or information or data which by prior publication or otherwise are public property, then the results in the form of designs, plans, inventions, processes, etc., remain the property of the chemist, and the client or employer is entitled to their use only in the case for which the chemist was retained.

c All work and results accomplished by the chemist outside of the field for which he was employed or retained are the property of the chemist.

d Special data or information obtained by a chemist from his client or employer or which he creates as a result of such information, are to be considered confidential, and while it is ethical to use such data or information in his practice as forming part of his professional experience, its publication without permission is improper.

e He shall not suppress information or unduly accentuate statements in reports for the purpose of making gain or profit to himself or others.

19. He shall as far as possible in consulting work fix fees at a point high enough to warrant complete and adequate service. Unreasonably

low charges for professional work tend toward inferior and unreliable work. In fixing fees it is proper for him to consider:

a The time and labor involved, the novelty and difficulty of the matter, and the experience and skill necessary.

b Whether the employment precludes other employment in similar lines or will involve the loss of other business while engaging in the particular work.

c Customary charges of chemists for similar services.

d The magnitude of the matter involved, and the benefits resulting to the client from the services.

e The character of the employment, whether casual or for an established and constant client.

20. While it is desirable that chemists engaged in teaching and research should be permitted to use their special knowledge and skill in direct service to individual clients, it is prejudicial to the welfare of the profession for such services to be rendered at rates which ignore ordinary costs of equipment, supplies, and overhead expenses.

21. Having established a fair fee and billed same to a client, he should oppose any effort of a client to have such fee reduced without real and sufficient cause. Wherever compatible with self-respect and the right to receive a reasonable recompense for services rendered, controversies with clients regarding compensation are to be avoided. There should, however, be no hesitation to apply to the courts for redress to prevent injustice, imposition, or fraud.

Roster of Membership

(as of September, 1936)

HONORARY MEMBERS

John J. Abel (1928)
Otto P. Amend (1935), *Deceased*
Leo H. Baekeland (1931)
Charles F. Chandler (1923), *Deceased*
Frank W. Clarke (1928), *Deceased*
William Foster (1936)
Edward C. Franklin (1931)
Moses Gomberg (1936)
James F. Kendall (1928)
William McPherson (1931)
Charles E. Munroe (1924)
Ira Remsen (1924), *Deceased*
Edgar F. Smith (1924), *Deceased*
William H. Walker (1933), *Deceased*
Harvey W. Wiley (1928), *Deceased*

LIFE MEMBERS

Frederick E. Breithut **Max Trumper**

A

Aaronson, Henry A.
(1928),* *Associate Chemist,* United States Ordnance Department, Picatinny Arsenal, Dover, N. J.

Abbott, George A.
(1932), *Professor of Chemistry, Head of Department,* University of North Dakota, Grand Forks, N. D.

Acaster, Horace D.
(1928), *Sales Engineer,* Calco Chemical Company, Inc., 401 North Broad Street, Philadelphia, Penna.

Adams, Frederic H.
(1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

* Names without designation are those of Fellows. A., J. or S. in parenthesis with the year of election indicates, respectively, Associate, Junior or Student membership.

Adams, Wayne B.
(1935), *Chemist,* Department of Food and Drugs, University of Nevada, Reno, Nev.

Adler, Edward
(J.1935), 811 East 169th Street, New York, N. Y.

Ahlbeck, Harry W.
(1936), *Chief Engineer,* Bakelite Corporation, Bound Brook, N. J.

Alessandroni, Hugh V.
(A.1932), *Chemical Engineer and Research Chemist,* Titanium Pigment Company, 105 York Street, Brooklyn, N. Y.

Alexander, Jerome
(1927), *Consultant,* 50 East 41st Street, New York, N. Y.

Alkus, William
(1926), *Superintendent,* Charles W. Berg Laboratories, 1827 North 5th Street, Philadelphia, Penna.

Allen, Austin O.
(1935), *Superintendent,* A. C. Horn Company, 43-42 10th Street, Long Island City, N. Y.

Allen, Edward R.
(1936), *Research Chemist,* Krebs Pigments Department, E. I. du Pont de Nemours and Company, 256 Vanderpool Street, Newark, N. J.

Allen, Ivey, Jr.
(1936), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Allison, Vernon C.
(1923), *Assistant Chief Chemist in Charge of Research Section,* War Department, Picatinny Arsenal, Dover, N. J.

Amick, Chester Albert
(1935), *Research Chemist,* Calco Chemical Company, Bound Brook, N. J.

Anderson, Ralph S.
(1936), *Development and Research Chemist,* Bakelite Corporation, Bound Brook, N. J.

Anderson, M. S.
(1936), *Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Anderson, William B.
(1932), *Research Chemist,* Titanium Pigment Company, Inc., 105 York Street, Brooklyn, N. Y.

Andress, Frank J.
(1935), *Professor of Biochemistry and Preventive Medicine,* Eclectic College of Medicine, Cincinnati, Ohio.

Andrews, Donald H.
(1936), *Professor of Chemistry,* The Johns Hopkins University, Baltimore, Md.

Angus, Addison C.
(1932), *Secretary and Treasurer,* Philadelphia Clinical Laboratory, Inc., 1833 Chestnut Street, Philadelphia, Penna.

Anthes, John F.
(1936), *Assistant to Chief Chemist,* The Brooklyn Union Gas Company, 191 St. James Place, Brooklyn, N. Y.

Apfelbaum, Percy Max
(1929), *Instructor,* Department of Chemistry, College of the City of New York, New York, N. Y.

Armsby, Sidney P.
(1923), *Technical Consultant,* Box 14, Williamsport, Penna.

Arnoff, Albert I.
(A.1936), *President and Treasurer,* Massachusetts By-products Company, Hyde Park, Mass.

Arnold, William S.
(1923), *Chief Chemist and Director of Manufacture,* C. M. Pitt and Sons Company, Key Highway, Baltimore, Md.

Arrowsmith, Clarence J.
(J.1936), 318 Jefferson Avenue, Brooklyn, N. Y.

Atwood, F. C.
(1936), *President,* Atlantic Research Associates, Inc., 40 Central Street, Boston, Mass.

Auer, E. Everett
(A.1936), *Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Averitt, S. D.
(1936), *Chemist,* Agriculture Experiment Station, University of Kentucky, Lexington, Ky.

Aycock, Lemuel M.
(1932), *Chemist,* American Potash and Chemical Corporation, Atlanta, Ga.

Ayers, Joseph W.
(1933), *Director of Research,* C. K. Williams and Company, 640 North 13th Street, Easton, Penna.

B

Bacal, Harry S.
(1936), *President,* Pioneer Paint and Varnish Company, Tucson, Arizona.

Bacharach, George
(1929), *Professor of Organic Chemistry,* Brooklyn College, 80 Willoughby Street, Brooklyn, N. Y.

Bacon, Charles V.
(1923), *Chemical Engineer,* 117 Liberty Street, New York, N. Y.

Bacon, Nicholas
(1932), *Chemist,* William M. Grosvenor, Inc., 50 East 41st Street, New York, N. Y.

Bacon, R. Charles
(A.1935), *Research Chemist,* Calco Chemical Company, Bound Brook, N. J.

Badollet, Marion S.
(1932), *Research Chemist,* Johns Manville Corporation, Manville, N. J.

Baëza, Walter J.
(1929), *President,* Industrial Research Company, 50 East 41st Street, New York, N. Y.

Baker, Harry A.
(1932), *Professor of Physics and Head of Department,* John Tarleton Agricultural College, Stephenville, Texas.

Baker, John C.
(1936), 67 Eagle Rockway, Montclair, N. J.

Baker, Ross A.
(1929), *Professor of Chemistry, In Charge of Department,* Commerce Center, College of the City of New York, 17 Lexington Avenue, New York, N. Y.

Ball, C. Olin
(1936), *Assistant to the Director of Research,* American Can Company, Maywood, Ill.

Balyozian, Nicholas
(1923), *Chief Chemist,* John D. Lewis, Inc., Mansfield, Mass.

Bancroft, George Russell
(1935), *Professor of Physiological Chemistry and Toxicology,* Jefferson Medical College, Philadelphia, Penna.

Barban, Charles
(1932), *Consulting Chemist and Chemical Engineer,* 280 Madison Avenue, New York, N. Y.

Bardwell, Dwight C.
(1936), *Research Chemist,* The Solvay Process Company, Syracuse, N. Y.

Barker, A. L.
(1936), *Professor,* Ripon College, Ripon, Wisconsin.

Barnes, Kenneth B.
(1936), *Professor,* Heidelberg College, Tiffin, Ohio.

Barsky, George
(1929), *President,* Barsky and Wilson, Inc., 202 East 44th Street, New York, N. Y.

Bass, Lawrence W.
(1932), *Director of Research,* The Borden Company, 350 Madison Avenue, New York, N. Y.

Bassett, Eleanor F.
(J.1933), *Assistant Chemist,* Board of Health Laboratory, City of New Orleans, La.

Baumann, Emil J.
(1936), *Chemist,* Montefiore Hospital, Gun Hill Road and Bainbridge Avenue, New York, N. Y.

Bayer, Alfred R.
(A.1936), *Chemist,* The Brooklyn Union Gas Company, 191 St. James. Place, Brooklyn, N. Y.

Beard, Howard H.
(1936), *Professor of Biochemistry,* Louisiana State University Medical Center, New Orleans, La.

Beath, O. A.
(1936), *Research Chemist,* University of Wyoming, Laramie, Wyoming.

Becher, Hubert L.
(1923), *Chemist,* The Agasote Millboard Company, Trenton, N. J.

Beckers, William G.
(1923), 15 Broad Street, New York, N. Y.

Beegle, Frank M.
(1936), *Research Chemist,* Congoleum-Nairn, Inc., Marcus Hook, Penna.

Beekley, John S.
(1936), *Manager,* Process Section, E. I. du Pont de Nemours and Company, Charleston, West Virginia.

Belcher, Thomas L.
(1923), *Chemist,* Raybestos-Manhattan, Inc., 61 Willett Street, Passaic, N. J.

Belfit, Robert W.
(1923), *Research Chemist,* Scovill Manufacturing Company, Waterbury, Conn.

Beltz, John H.
(1936), *Treasurer and Director of Laboratory,* Bell and Beltz, Inc., Philadelphia, Penna.

Benbrook, Charles H.
(A.1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Bender, Howard L.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Bennett, Harry
(1932), *Chemist and Editor,* Chemical Publishing Company of New York, Inc., 175 Fifth Avenue, New York, N. Y.

Berk, I. Mathew
(1930), *Chemist,* 56 West 45th Street, New York, N. Y.

Berl, Ernst
(1935), *Research Professor of Chemistry,* Carnegie Institute of Technology, Pittsburgh, Penna.

Berolzheimer, D. D.
(1923), *Chemical Literature Expert,* 50 East 41st Street, New York, N. Y.

Berry, William S.
(A.1924), *Instructor,* Woodrow-Wilson Jr. High School, Philadelphia, Penna.

Bertolet, Elmer C.
(1925), *Head Department of Chemistry and Dyeing,* Philadelphia Textile School, Broad and Pine Streets, Philadelphia, Penna.

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(1936), *Secretary,* Chemists' Unemployment Committee, 300 Madison Avenue, New York, N. Y.

Bigelow, Lucius A.
(1936), *Associate Professor of Chemistry,* Duke University, Durham, N. C.

Bingham, Eugene C.
(1928), *Professor of Chemistry,* Lafayette College, Easton, Penna.

Birnbaum, Nathan
(J.1931), *Fellow in Chemistry,* College of the City of New York, New York, N. Y.

Bishop, Howard B.
(1936), Sterling Products Company, Easton, Penna.

Bivins, Franklin H.
(A.1933), *Vice-president,* Foster D. Snell, Inc., 305 Washington Street, Brooklyn, N. Y.

Black, Alvin P.
(1935), *Professor of Agricultural Chemistry,* University of Florida, Gainesville, Florida.

Blackhall, Walter L.
(1929), *Assistant Chief Chemist,* Department of Purchase Testing Laboratories, 480 Canal Street, New York, N. Y.

Bliss, A. Richard, Jr.
(1923), *Director of Birmingham Research Laboratories; Professor of Pharmacology and Dean of School of Pharmacy,* Howard College of Birmingham, Alabama.

Boddington, Henry D.
(1923), *Consulting and Technical Chemist,* 2541 Grand Avenue, Huntington Park, Calif.

Bogert, Marston Taylor
(1929), *Professor of Organic Chemistry,* Columbia University, New York, N. Y.

Boggs, Gilbert H., Sr.
(1936), *Director,* Department of Chemistry and Chemical Engineering, Georgia School of Technology, Atlanta, Ga.

Bolinger, Edgar D.
(J.1932), *Chemistry Laboratory Assistant,* Juniata College, Huntingdon, Penna.

Bond, William G.
(1923), *Private Development,* Box 229, Wilmington, Del.

Bonney, Robert D.
(1936), *Assistant Manager of Manufacturing,* Congoleum-Nairn, Inc., Kearny, N. J.

Boorstein, Jacob W.
(A.1927), *Assistant Chief Chemist,* New York Testing Laboratories, 80 Washington Street, New York, N. Y.

Borg, Henry L.
(1924), *Technologist,* Walter Baker Company, Dorchester, Mass.

Bost, William D.
(1923), *Officer,* Orange-Crush Company, 318 West Superior Street, Chicago, Ill.

Boustead, John
(J.1935), 167 Franklin Street, Paterson, N. J.

Bowman, Jay
(1923), *Technical Superintendent,* United Chemical and Organic Products Company, 4100 S. Marshfield Avenue, Chicago, Ill.

Boyle, James S.
(A.1923), *Chemist,* Anaconda Wire and Cable Company, Marion, Indiana.

Bradley, H. F.
(A.1923), *Chief Chemist,* Park Utah Consolidated Mines Company, Park City, Utah.

Bradley, T. F.
(1936), *Research Chemist,* American Cyanamid Company, Tremley Laboratory, Linden, N. J.

Bradshaw, Anis P.
(1930), *Chemist,* Biological Stain Commission, Bureau of Chemistry and Soils, United States Department of Agriculture, Washington, D C.

Bramann, George M.
(1936), *Research Chemist,* Sales Development, Niacet Chemicals Corporation, Niagara Falls, N. Y.

Brattain, Paul H.
(1925), *Consulting Chemical Engineer,* National Press Building, Washington, D. C.

Breedis, John
(1923), *Chemist,* Rohm and Haas Company, Bristol, Penna.

Breithut, Frederick E.
(1926), *Chairman of Department of Chemistry,* Brooklyn College, 80 Willoughby Street, Brooklyn, N. Y.

Brescia, Frank
(J.1931), *Tutor,* Chemistry Department, College of the City of New York, New York, N. Y.

Brewer, Willard O.
(1924), *In Charge Pharmaceutical Manufacturing Division,* Calco Chemical Company, Inc., Bound Brook, N. J.

Breyer, Frank G.
(1932), *Partner,* Singmaster and Breyer, 420 Lexington Avenue, New York, N. Y.

Bricks, A. G.
(A.1926), *Chemist,* U. S. Metals Refining Company, Carteret, N. J.

Brinkley, Stuart R.
(1936), *Associate Professor,* Department of Chemistry, Yale University, New Haven, Conn.

Brock, Frank P.
(1935), *Research Engineer,* Bakelite Corporation, Bloomfield, N. J.

Broeker, John Francis
(1936), *Head of Paint Research,* Krebs Pigment and Color Corporation, E. I. du Pont de Nemours and Company, Newport, Del.

Brogan, Frank Joseph
(A.1933), *Professor of Inorganic Chemistry,* Hunter College, Bedford Park Navy Avenue, New York, N. Y.

Bronson, Barnard S.
(1932), *Professor of Chemistry,* New York State College for Teachers, Albany, N. Y.

Brooks, Benjamin T.
(1927), *Consulting Chemist,* 50 East 41st Street, New York, N. Y.

Brown, Brian S.
(1936), *President,* Georgia Rosin Products Company, Savannah, Ga.

Brown, James
(1925), 120 Livingston Street, Poughkeepsie, N. Y.

Brown, William B.
(1933), *Research Chemist,* Lucidol Corporation, 293 Larkin Street, Buffalo, N. Y.

Browne, H. H.
(1923), 6901 Shore Road, Brooklyn, N. Y.

Bryant, George O.
(1923), *Sales Engineer,* Virginia Alberene Corporation, 419 Fourth Avenue, New York, N. Y.

Buchanan, Robert A., Jr.
(J.1930), 228 Tokay Street, Lodi, Calif.

Buck, Johannes S.
(1932), *Research Chemist,* Burroughs Wellcome and Company, Tuckahoe, N. Y.

Bucy, E. H.
(1933), 3 Nash Street, Stamford, Conn.

Bullock, Jesse L.
(1935), *Associate Professor,* Clark University, Worcester, Mass.

Bunting, Donald C.
(J.1935), *Laboratory Assistant,* Research Laboratories, Johns Manville Corporation, Manville, N. J.

Burbank, Jeanne
(J.1936), 309 S. 40th Street, Philadelphia, Penna.

Burger, Martin M.
(A.1932), *Junior Chemist,* Department of Public Works, Municipal Building, New York, N. Y.

Burgess, C. F.
(1936), *President,* C. F. Burgess Laboratories, Inc., 111 West Monroe Street, Chicago, Ill.

Burgess, Kenneth E.
(1936), *Director of Technical Service,* Magnetic Pigment Company, 601 Cass Street, Trenton, N. J.

Burgess, Lothian M.
(A.1933), *Chemist,* Sherwin-Williams Company, Newark, N. J.

Burke, Edmund, Sr.
(1936), *Chemist and Meteorologist,* Montana Agricultural Experiment Station, Bozeman, Mont.

Burnell, Dorah Luscombe
(1936), *Head of Chemistry Department, Associate Professor,* Houghton College, Houghton, N. Y.

Burns, Frank B.
(A.1935), *Research Chemist,* U. S. Gypsum Company, 23 South Damen Avenue, Chicago, Ill.

Burtsell, Aubison T.
(1935), *Teacher,* College of the City of New York, 17 Lexington Avenue, New York, N. Y.

Burwell, Arthur W.
(1930), *Vice-president and Technical Manager,* Alox Chemical Corporation, P. O. Box 949, Niagara Falls, N. Y.

Buswell, Arthur M.
(1935), *Professor of Chemistry and Chief of Illinois Water Survey,* University of Illinois, Urbana, Ill.

Butcher, Bessie E.
(1933), *Head, Science Department,* Eagle Rock High School, Los Angeles, Calif.

Butler, William H.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Butts, Donald C. A.
(1923), St. Luke's and Children's Hospital, Philadelphia, Penna.

Byers, Horace G.
(1923), *Chief of Soil Chemistry and Physics Division,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

C

Cabot, Samuel
(1933), *President,* Samuel Cabot, Inc., 141 Milk Street, Boston, Mass.

Cadwell, Sidney M.
(1932), *Director,* Tire Development Division, United States Rubber Products, Detroit, Mich.

Calcott, William S.
(1923), *Director,* Jackson Laboratory, E. I. du Pont de Nemours and Company, Box 525, Wilmington, Del.

Camelford, J. Allan
(1934), *Chemist,* Alox Chemical Corporation, P. O. Box 949, Niagara Falls, N. Y.

Cameron, Walter S.
(A.1923), *Chairman of Department of Physical Science,* Wadleigh High School, 215 West 114th Street, New York, N. Y.

Campbell, Arthur W.
(1936), *Research Chemist,* Thermatomic Carbon Company, c/o Commercial Solvents Corporation, Terre Haute, Ind.

Cardarelli, Eugene J.
(1923), *Chief Chemist,* Organic Products, Inc., Mamaroneck, N. Y.

Carmichael, Emmett B.
(1935), *Professor and Head of the Department of Physiological Chemistry,* University of Alabama, University, Ala.

Carpenter, Arthur W.
(1936), *Manager of Testing Laboratories,* The B. F. Goodrich Company, Akron, Ohio.

Carpenter, Clifford D.
(1929), *Professor of Chemistry,* Columbia University, New York, N. Y.

Carr, R. H.
(1936), *Professor of Agricultural Chemistry,* Purdue University, West Lafayette, Ind.

Casselman, Ralph T.
(1936), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Cartledge, G. H.
(1933), *Head, Department of Chemistry,* University of Buffalo, Buffalo, N. Y.

Catherman, Clair C.
(J.1930), R. D. 2, Poland, Ohio.

Catlow, William R., Jr.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Cavallito, Chester J.
(J.1936), 236 Church Street, Woodbridge, N. J.

Cavelti, John Elmer
(1935), *Associate Professor,* Carnegie Laboratory of Chemistry, Allegheny College, Meadville, Penna.

Cayo, Eugene F.
(1929), *Secretary and Vice-president,* Samuel P. Sadtler and Son, Inc., 210 South 13th Street, Philadelphia, Penna.

Chace, Edward M.
(1933), *Chemist in Charge,* Laboratory of Fruit and Vegetable Chemistry, 148 South Mission Road, Los Angeles, Calif.

Chalk, James M.
(1930), *Chemist,* Employed by Borough of Queens, 68 Hunterspoint Avenue, Long Island City, N. Y.

Chamberlain, Joseph S.
(1936), *Head of Chemistry Department,* Massachusetts State College, Amherst, Mass.

Chapin, Joseph E.
(1923), *Chief Chemist,* U. S. Navy Yard, Philadelphia, Penna.

Charron, Roy C.
(1923), *Chemist,* U. S. Envelope Company, 84 Prescott Street, Worcester, Mass.

Chelius, Hannah E.
(J.1935), 17 West 45th Street, Bayonne, N. J.

Cheney, Lowther B.
(1929), *Department Superintendent,* American Cyanamid Company, Linden, N. J.

Chesley, Kenneth G.
(A.1932), *Chief Chemist,* Crossett Chemical Company, Crossett, Arkansas.

Chester, William F.
(A.1930), *Chemist,* Borough Hall, Long Island City, N. Y.

Christmann, Ludwig J.
(1929), *Research Chemist,* American Cyanamid Company, Warners, N. J.

Church, Sumner R.
(1927), *Consulting Chemist,* Room 1525, 101 Park Avenue, New York, N. Y.

Clark, Ernest D.
(1936), *Director,* National Canners Association, Northwest Branch, 826 Skinner Building, Seattle, Wash.

Clark, George L.
(1936), *Professor of Chemistry,* University of Illinois, Urbana, Ill.

Clark, Harry L., Jr.
(J.1935), *Clerk,* United States Navy Department, Washington, D. C.

Clark, John D.
(1936), *Professor and Head of the Department of Chemistry,* University of New Mexico, Albuquerque, N. Mexico.

Clark, Le Roy V.
(1936), *Explosives Research Chemist,* American Cyanamid and Chemical Corporation, Latrobe, Penna.

Clark, Walter R.
(J.1929), *Sales Representative,* U. S. Industrial Alcohol Company, 60 East 42nd Street, New York, N. Y.

Clarke, Beverly L.
(1936), *Research Chemist,* Bell Telephone Laboratories, Inc., 463 West Street, New York, N. Y.

Clarke, Hans T.
(1930), *Professor of Biological Chemistry,* College of Physicians and Surgeons, 630 West 168th Street, New York, N. Y.

Clough, Lyle A.
(1931), *Research and Development,* Box 207, Pittsfield, Penna.

Coats, Harry P.
(1929), *Research Chemist,* Firestone Tire and Rubber Company, Akron, Ohio.

Coe, John M.
(1936), *Research Engineer,* Halowax Corporation, 230 Grove Street, Bloomfield, N. J.

Cofman, Victor
(1927), Ravenscourt, Cole Park Road, Twickenham, England.

Cohen, Louis
(J.1936), *Draftsman,* Employed by Borough of Manhattan, Municipal Building, New York, N. Y.

Cole, Harry L.
(1936), *Assistant Professor of Chemistry,* State College of Washington, Pullman, Wash.

Coleman, Gerald H.
(1936), *Organic Research Chemist,* Dow Chemical Company, Midland, Mich.

Concannon, Charles C.
(1931), *Chief of Division of Chemistry,* Department of Commerce, Washington, D. C.

Con'é, Samuel H.
(1932), *Technical Director, Paint Department,* Sinclair Refining Company, Box 516, Marcus Hook, Penna.

Conklin, Albert E.
(A.1929). *Chief Chemist,* C. A. Reed Company, Williamsport, Penna.

Conn, Robert C.
(A.1936), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Conner, Emerson H.
(A.1935), *Research Chemist in Development Department,* Sinclair Oil Company, East Chicago, Ill.

Connor, C. Maurice
(A.1933), *Vice-president and Technical Director,* Valley Forge Laboratories, Inc., West Conshohocken, Penna.

Cook, Walter A.
(1936), *Professor and Head of Department of Chemistry,* University of Akron, Akron, Ohio.

Cool, Raymond D.
(1932), *Assistant Professor of Chemistry,* Knight Chemical Laboratory, University of Akron, Akron, Ohio.

Coolidge, William D.
(1936), *Director of Research Laboratory,* General Electric Company, Schenectady, N. Y.

Corbitt, Hugh B.
(1923), *Research and Control Chemist,* H. A. Metz Laboratories, Inc., 33 Riverside Avenue, Rensselaer, N. Y.

Cornwell, Ralph T. K.
(1936), *Chief Research Chemist,* Sylvania Industrial Corporation, Fredericksburg, Virginia.

Cotton, William J.
(1923), *Research Chemist,* Monsanto Chemical Company, St. Louis, Missouri.

Couch, James F.
(1923), *Research Chemist,* Bureau of Animal Industry, U. S. Department of Agriculture, Washington, D. C.

Cowperthwaite, Irving A.
(1936), *Research Associate in Science Education,* Teachers College, Columbia University, New York, N. Y.

Crane, Frederick D.
(1923), *Instructor,* Johns Hopkins University, Baltimore, Md.

Crawford, John W.
(1923), *Superintendent,* Sulloway Mills Company, Tilton, N. H.

Cross, Robert J.
(1936), *Superintendent,* Vitamin Department and Maintenance, S. M. A. Corporation, 4614 Prospect Avenue, Cleveland, Ohio.

Crossley, M. L.
(1923), *Chief Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Crosson, Leo H.
(J.1935), *Chemist,* 1000 South Boulevard, Charlotte, N. C.

Cummins, A. B.
(1936), *Manager Celite Research and Research Engineer,* Johns-Manville Corporation, Manville, N. J.

Cummings, S. N.
(1933), *Chief Chemist,* Pylam Products Company, Inc., 799 Greenwich Street, New York, N. Y.

Cunningham, Geoffrey E.
(1936), *Associate Professor of Chemistry,* Clarkson College of Technology, Potsdam, N. Y.

Curran, Robert F.
(J.1931), *Teacher,* Fremont High School, Oakland, Calif.

D

D'Amato, Hugh A.
(J.1931), *Substitute Teacher of Physical Sciences,* 125 North Third Street, Jeannette, Penna.

Danald, George
(J.1934), *Receiving Clerk,* Calco Chemical Company, Inc., Bound Brook, N. J.

Daniel, John L.
(1936), *Professor of Chemistry,* Georgia School of Technology, Atlanta, Ga.

Daniels, Lloyd C.
(1933), *Assistant General Manager,* Seldon Division, American Cyanamid and Chemical Corporation, Bridgeville, Penna.

Darbey, Albert
(A.1924), *Chemist,* Alrose Chemical Company, Providence, R. I.

Davidheiser, Lee
(1936), *Head, Department of Science,* Wagner College, Staten Island, N. Y.

Davidson, Emil
(A.1932), *Sales Representative,* Clay-Adams Company, 25 E. 26th Street, New York, N. Y.

Davis, Harold S.
(1936), *Research Chemist,* Tremley Laboratory, American Cyanamid Company, Linden, N. J.

Davis, Lewis
(1936), *Secretary-treasurer,* Davis and Bennett, Inc., 339 Main Street, Worcester, Mass.

Davis, Lloyd L.
(1923), *Supervisor Process Division,* Continental Oil Company, Ponca City, Okla.

Davis, Lloyd W.
(1930), *Chemist,* Technical Service Department, National Oil Products Company, Harrison, N. J.

Davis, Roy B.
(1930), *Head, Department of Chemistry,* University of the South, Sewanee, Tenn.

Davis, Thomas W.
(1933), *Instructor in Chemistry,* New York University, New York, N. Y.

Davoll, David L.
(1929), *Advisory Chemist,* Arbuckle Bros., 71 Water St., New York, N. Y.

Dawson, Paul R.
(1924), *Biological Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

De Carlo, Michael R.
(J.1935), *Technician,* Chemistry Laboratory, Army Medical School, Washington, D. C.

Deckert, Evangeline
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Deemer, Ralph B.
(1935), *Chemist,* Soil Fertility Investigations, U. S. Department of Agriculture, Washington, D. C.

De Leeuw, Philip M.
(1936), *Chemist,* Nubian Paint and Varnish Company, 1856 No. Leclaire Avenue, Chicago, Ill.

Deller, Anthony W.
(1932), *Patent Lawyer and Chemical Engineer,* 67 Wall Street, New York, N. Y.

De Marco, Arthur P.
(J.1935), 383 Windermere Road, Drexel Park, Penna.

De Melfy, Frank A.
(1931), Address Wanted.

De Phillips, Henry N. A.
(1935), *President,* Coating Materials Laboratories, Inc., 10002 Avenue D, Brooklyn, N. Y.

Derick, C. G.
(1935), *Consulting Chemist,* Sewaren, N. J.

D'Eustachio, Gabriel
(1923), *Chief and Research Chemist,* High Tension Laboratory, General Cable Company, Perth Amboy, N. J.

Dew, Walter A.
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Rawling, Francis G.
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Read, W. T.
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(1936), *In Charge of Laboratories, Research and Installation of New Plant Processes,* R. H. Young—The Davis Young Soap Company, Dayton, Ohio.

Turkington, Victor H.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Turner, W. D.
(1932), *Assistant Professor Chemical Engineering,* Columbia University, New York, N. Y.

Turno, Irene A.
(A.1923), *Analytical Chemist,* Edel Laboratories, Inc., 10 Hill Street, Newark, N. J.

Tyler, Walter S., Jr.
(1931), *Research Chemist,* Tide Water Oil Company, Bayonne, N. J.

Tyson, Floyd T.
(1925), *Associate Professor of Chemistry,* Temple University, Philadelphia, Penna.

U

Uhlig, Edward C.
(1923), *Chief Chemist,* The Brooklyn Union Gas Company, 191 St. James Place, Brooklyn, N. Y.

Utkovitz, Nathan
(1929), *Chemist,* Board of Transportation, 215th Street and 10th Avenue, New York, N. Y.

Utt, Chester A. A.
(1923), *Chemist and Bacteriologist in Charge of Laboratories,* Golden State Company, Ltd., 1120 Towne Avenue, Los Angeles, Calif.

V

Vail, James G.
(1936), *Vice-president, Chemical Director,* Philadelphia Quartz Company, 121 S. 3rd St., Philadelphia, Pa.

Van Doren, Lloyd
(1923), *Consultant, Chemical Patents,* Associated with Watson, Bristol, Johnson, and Leavenworth, 6 East 45th Street, New York, N. Y.

Van Name, Ralph G.
(1936), *Associate Professor of Physical Chemistry,* Sterling Chemistry Laboratory, Yale University, New Haven, Conn.

Van Vleet, C. S.
(1929), 2375 - 34th Avenue, San Francisco, Calif.

Vesce, Vincent C.
(1923), *Chief Chemist,* Harmon Color Works, 361 Harmon Street, Brooklyn, N. Y.

Voris, Louis R.
(1923), *Owner and Director,* The Voris Laboratories, Hagerstown, Md.

Vuilleumier, Ernest A.
(1926), *Professor of Chemistry and Dean of College,* Dickinson College, Carlisle, Penna.

W

Wade, Worth
(1936), *Consulting Chemist in Charge of Patents,* Sylvania Industrial Corporation, 122 East 42nd Street, New York, N. Y.

Wagner, Glenn H.
(1923), *Director of Research,* Aluminum Ore Company, East St. Louis, Ill.

Wagreich, Harry
(J.1931), *Teacher of Chemistry,* College of the City of New York, New York, N. Y.

Wait, Justin F.
(1933), *Consulting Chemist and Engineer,* 1520 Jesup Avenue, New York, N. Y.

Wakefield, Harold F.
(1935), *Research Chemist,* Bakelite Corporation, Bloomfield, N. J.

Wall, Florence E.
(1923), *Consultant,* 685 Madison Avenue, New York, N. Y.

Walsh, Thomas J.
(1936), *Research and Plant Chemist,* Baker and Company, Inc., 149 Murray Street, Newark, N. J.

Walton, George P.
(1928), 6138 - 33rd St., N. W., Washington, D. C.

Ward, George E.
(J.1931), *Junior Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Warth, Albin H.
(1933), *Chemical Director,* Crown Cork and Seal Company, Eastern Avenue and Kresson Streets, Baltimore, Md.

Waters, Charles E.
(1936), 285 North Bridge Street, Somerville, N. J.

Watkins, William C.
(J.1931), Address Wanted.

Way, Elmer Francis
(1935), *Secretary, Treasurer, Technical Director,* The Durfee Company, Grand Rapids, Mich.

Weaver, F. F.
(1925), *Manager of Research,* General Chemical Company, 40 Rector Street, New York, N. Y.

Webber, Robert A.
(1923), *Pulp Mill Research and Control,* Brown Company, Berlin, N. H.

Weber, Frederick L.
(1928), *Instructor in Chemistry,* College of the City of New York, New York, N. Y.

Weber, M. G.
(1923), Markovits and Weber, Inc., 113 Edison Place, Newark, N. J.

Wechsler, Ralph
(1929), *Treasurer and Technical Director,* National Oil Products Company, Harrison, N. J.

Weidlein, E. R.
(1929), *Director,* Mellon Institute of Industrial Research, Pittsburgh, Penna.

Weihe, Herman D.
(1931), *Assistant Chemist,* Ames Field Station, U. S. Department of Agriculture, Iowa State College, Ames, Iowa.

Weisberg, Louis
(1935), *President,* Weisberg and Greenwald, Inc., 71 West 45th Street, New York, N. Y.

Weisberg, Samuel M.
(1928), *Research Chemist,* National Dairy Products Company, 1403 Eutaw Place, Baltimore, Md.

Weiss, John M.
(1923), *President,* Weiss and Downs, Inc., 50 East 41st Street, New York, N. Y.

Weiss, Morris L.
(1930), *Vice-president,* Standard Drug Company, 61 Mercer Street, Newark, N. J.

Weith, Archie J.
(1935), *Associate Director of Research,* Bakelite Corporation, Bloomfield, N. J.

Wells, Percy A.
(J.1931), *In charge work on Industrial Fermentation,* Industrial Farm Products Research Laboratory, U. S. Department of Agriculture, Washington, D. C.

Wendt, Gerald
(1936), *Scientific Counsel,* General Printing Ink Corporation, 100 Sixth Avenue, New York, N. Y.

Wenneis, J. M.
(1929), *Chemist,* Van Brunt Chemical Company, Farmingdale, N. Y.

Werblow, Michael
(J.1931), *Teacher of Chemistry,* Evander Childs High School, Gunhill Road, New York, N. Y.

West, Byron L.
(1932), *Technical Committee,* Calco Chemical Company, Inc., Bound Brook, N. J.

Whelan, Isabel R.
(1929), *Assistant Research Director,* Bristol-Myers Company, Long Avenue, Hillside, N. J.

Whitaker, M. C.
(1926), *Vice-president and Director,* American Cyanamid Company, 30 Rockefeller Plaza, New York, N. Y.

White, W. C. O.
(1923), *Graduate Student,* Ohio State University, Columbus, Ohio.

White, William T.
(1936), *Assistant Chemist,* Tennessee Valley Authority, Fertilizer Works, Wilson Dam, Ala.

Whiting, L. R.
(1935), *Chemist,* Bakelite Corporation, Bloomfield, N. J.

Whiting, Stanley H.
(A.1932), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Whittaker, Colin W.
(1928), *Associate Chemist,* Bureau of Chemistry and Soils, U. S. Department of Agriculture, Washington, D. C.

Whittaker, Roland M.
(J.1930), *Instructor in Chemistry,* Brooklyn College, 80 Willoughby Street, Brooklyn, N. Y.

Wickenden, Leonard
(1923), *Vice-president,* Suchar Process Corporation, 120 Wall Street, Room 1323, New York, N. Y.

Wiegand, William B.
(1935), *Research Director,* Binney and Smith Company, 41 East 42nd Street, New York, N. Y.

Wilbur, Ralph C.
(1935), *Lubricating Oil Chemist,* Shell Petroleum Corporation, Wood River, Ill.

Wilcox, David H., Jr.
(A.1934), *Associate Color Chemist,* Ansbacher-Siegle Corporation, Rosebank, Staten Island, N. Y.

Wilder, Frank W.
(A.1932), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Wilder, H. Kenneth
(1923), *Chief Chemist,* Kellogg Company, Battle Creek, Mich.

Williams, Edward G.
(1923), *Proprietor,* The Edward G. Williams Laboratories, 918-920 Union Street, New Orleans, La.

Williams, John
(1929), *Chief Division of Laboratories,* U. S. Customs Service, 77 Treasury Building, Washington, D. C.

Williamson, C. S., Jr.
(1936), *Professor, Head of School of Chemical Engineering,* Tulane University, New Orleans, La.

Wilson, George W.
(1928), *Assistant Professor,* College of the City of New York, New York, N. Y.

Windus, Wallace
(1936), *Research Chemist,* Leather Division, Rohm and Haas Chemical Company, Bristol, Penna.

Wing, Henry J.
(1936), *Research Chemist,* E. I. du Pont de Nemours and Company, Parlin, N. J.

Winship, William W.
(1932), *Manager,* The Thermal Syndicate, Ltd., 58 Schenectady Avenue, Brooklyn, N. Y.

Winston, Lula Gaines
(1936), *Professor of Chemistry,* Meredith College, Raleigh, N. C.

Wintringham, Andrews C.
(1934), *Chemist in Charge of Department H.,* Calco Chemical Company, Inc., Bound Brook, N. J.

Wiseman, Herbert G.
(J.1931), *Assistant Chemist,* U. S. Department of Agriculture, Beltsville, Md.

Wolfson, Jacob
(1929), *Production Manager,* National Oil Products Company, Harrison, N. J.

Wood, P. J.
(1925), *Consulting Chemist,* Stonecutter Mills Company, Spindale, N. C.

Woodson, D. P., Jr.
(1934), *Research Chemist,* Calco Chemical Company, Inc., Bound Brook, N. J.

Worley, Robert A.
(1923), 1216 W. State Street, Trenton, N. J.

Wright, Alexander H.
(1936), *Professor of Chemistry,* Washington and Jefferson College, Washington, Penna.

Wright, John G.
(A.1934), *Research Chemist,* American Potash and Chemical Company, 70 Pine Street, New York, N. Y.

Wright, Thomas A.
(1923), *Technical Director and Secretary,* Lucius Pitkin, Inc., 47 Fulton Street, New York, N. Y.

Y

Yanowski, Leo K.
(J.1929), *Professor Quantitative Analysis,* Fordham University, New York, N. Y.

Yoe, John H.
(1936), *Professor of Chemistry,* University of Virginia, University, Va.

Young, Joseph H.
(1936), *President,* Paramount Products Company, 126 Maiden Lane, New York, N. Y.

Z

Zahnd, Hugo
(1929), *Instructor in Chemistry,* Brooklyn College, 80 Willoughby Street, Brooklyn, N. Y.

Zerban, Frederick W.
(1928), *Chemist in Charge,* New York Sugar Trade Laboratory, Inc., 80 South Street, New York, N. Y.

Zons, Frederick W.
(1923), *Consulting Chemical Engineer,* 239 Centre Street, New York, N. Y.

Zoole, Leonard
(1923), *Associate Chemist,* Navy Yard, Philadelphia, Penna.

SUMMARY

	1936	*1932*
Honorary Members	8	6
Life Members	2	2
Fellows	808	510
Associates	107	66
Juniors	90	65
Students	10	0
	1025	649

Geographical Distribution

ALABAMA

Birmingham
Bliss, A. Richard, Jr.

University
Carmichael, Emmett B.
Kalisz, Joseph J.
Lloyd, Stewart J.
Montgomery, Jack P.

Wilson Dam
Frear, George L.
Ogg, Earl F.
White, William T.

ARKANSAS

Crossett
Chesley, Kenneth G.

ARIZONA

Tucson
Bacal, Harry S.

CALIFORNIA

Berkeley
Halliday, Nellie

Huntington Park
Boddington, Henry D.

Lodi
Buchanan, Robert A., Jr.

Long Beach
Schumacher, Robert H.

Los Angeles
Butcher, Bessie E.
Chace, Edward M.
Truesdail, Roger W.
Utt, Chester A. A.

Oakland
Curran, Robert F.

Riverside
Leinau, Roberts, Jr.

San Francisco
Drake, Bryant S.
Hackh, Ingo W. D.
Hutshing, Edwin E.
Van Vleet, C. S.

Stockton
Ruth, John A.

Torrance
Dubbs, Leland A.

COLORADO

Denver
Nice, Paul S.

CONNECTICUT

Bridgeport
Omohundro, A. L.

Glastonbury
Guest, Herbert H.

Hartford
Ficklen, Joseph B.
Krieble, Vernon K.
Roberts, Sidney H.

Middletown
Hoover, C. R.

Naugatuck
Horn, William J.

New Haven
Brinkley, Stuart R.
Donleavy, John J.
Hill, Arthur J.
Johnson, Treat B.
Pucher, George W.
Van Name, Ralph G.

Stamford
Bucy, E. H.
Durant, Walter W.

Waterbury
Belfit, Robert W.

Westport
Roberts, E. J.

DELAWARE

Newport
Broeker, John Francis

Wilmington
Bond, William G.
Calcott, William S.
Con'é, Samuel H.
Lawrence, Allen E.
Lenher, Samuel

DISTRICT OF COLUMBIA

Washington

Anderson, M. S.
Bradshaw, Anis P.
Brattain, Paul H.
Byers, Horace G.
Clark, Harry L., Jr.
Concannon, Charles C.
Couch, James F.
Dawson, Paul R.
DeCarlo, Michael R.
Deemer, Ralph B.
Diner, Irene C.
Ely, Charles R.
Evenson, O. L.
Fort, Charles A.
Goss, Marshall J.
Grand, Joseph A.
Harris, Hillman C.
Heine, William A.
Hibben, James H.
Hill, William L.
Knight, Henry G.
Leatherman, Martin
Lourie, Harry L.
Lundstrom, Frank O.
Lynch, Daniel F. J.
Markley, K. S.
Markwood, Louis N.
Martin, James B.
McBurney, John W.
McGrath, Francis P.
Mehring, Arnon L.
Mehurin, Roger M.
Merz, Albert R.
Newton, H. P.
Palkin, Samuel
Powick, Wilmer C.
Reid, John D.
Ross, William H.
Senseman, Cornelius E.
Shorey, Edmund C.
Smith, Leonard
Snyder, Edward F.
Stirton, Alexander J.
Stubbs, Joseph J.
Taylor, James N.
Walton, George P.
Ward, George E.
Wells, Percy A.
Whittaker, Colin W.
Williams, John

FLORIDA

Gainesville

Black, Alvin P.
Leigh, Townes Randolph
Pollard, Cash B.

GEORGIA

Atlanta

Aycock, Lemuel M.
Boggs, Gilbert H.
Brown, Brian S.
Daniel, John L.
Dumas, W. C.
Howland, George A.
Plummer, James K.

Emory University

Guy, J. Sam

Experiment

Holley, Kirk T.

Savannah

Herty, Charles H.

ILLINOIS

Chicago

Bost, William D.
Bowman, Jay
Burgess, C. F.
Burns, Frank B.
Conner, Emerson H.
DeLeeuw, Philip M.
Dietrich, Harold E.
Egloff, Gustav
Epstein, Albert K.
Foerster, Clemence
Harper, R. B.
Harris, Benjamin R.
Hindley, Robert W.
Ipatieff, V. N.
Jones, Hilton Ira
Krause, Arlington C.
Kritchevsky, Wolf
MacDonald, Neil F.

Morrell, Jacque C.
Stewart, James K.

East St. Louis

Wagner, Glenn H.

Gillespie

Dodge, Lawrence E.

Lawrenceville

Levy, Samuel C.

Maywood

Ball, C. Olin
Nicoll, John M.

Monsanto

Linder, Henry L.

Riverside

Tobiasson, George T.

Roxana

LaCraft, Dail C.

Urbana

Buswell, Arthur M.
Clark, George L.
Keyes, D. B.
May, Orville E.
Reed, Frank H.

Wood River

Griffin, Merle L.
Over, John J.
Wilbur, Ralph C.

INDIANA

Bloomington

Lyons, Robert Edward

Evansville

Strickler, Alvin

Hammond

Morgan, Willard L.

Lafayette

Carr, R. H.
Mellon, Melvin G.

Marion

Boyle, James S.

Notre Dame

Froning, Henry B.

Terre Haute

Campbell, Arthur W.
Lansing, Arthur C.

Valparaiso

Thrun, Walter E.

Whiting

Ginsberg, Bernard

IOWA

Ames

Weihe, Herman D.

Iowa City

Raiford, L. Charles

Ottumwa

Gross, Charles E.

KANSAS

McPherson

Hershey, J. Willard

Pittsburg

Parks, W. B.

KENTUCKY

Lexington

Averitt, S. D.
McHargue, J. S.
Peter, Alfred M.

Louisville

Ernst, Robert C.
Scheller, Ernest

LOUISIANA

Gramercy

Meade, George P.

New Orleans

Bassett, Eleanor F.
Beard, Howard H.
Gomila, Madeline C.
Hughes, William J.
Moseley, Hal W.
Williams, Edward G.
Williamson, C. S., Jr.

Shreveport

Entrikin, John B.

MAINE

Madawaska

Rubin, Murray Morris

Rumford

Geiger, Theodore H.

MARYLAND

Baltimore

Andrews, Donald H.
Arnold, William S.

Crane, Frederick D.
DuMez, A. G.
Gortatowsky, Claude
Hartung, Walter H.
Matthews, Norris W.
Orent, Elsa R.
Reid, E. Emmet
Rieger, John A.
Schmidt, Marguerite M.
Strasburger, LeRoy V.
Warth, Albin H.
Weisberg, Samuel M.

Beltsville

Heiss, Louis R.
Wiseman, Herbert G.

Hagerstown

Metro, Francis G.
Miller, Charles H.
Voris, Louis R.

Luke

Rawling, Francis G.

Perry Point

Finley, Mark F., Jr.

Silver Spring

Patten, Harrison E.

MASSACHUSETTS

Amherst

Chamberlain, Joseph S.
Ritchie, Walter S.

Boston

Atwood, F. C.
Cabot, Samuel
Esselen, Gustavus J.
Fiske, C. H.
Flanders, Fred F.
Lythgoe, Hermann C.
Trimble, Harry C.

Cambridge

Sieminski, Mitchell A.
Squire, Frederick J.

Dorchester

Borg, Henry L.

Framingham Centre

Kingman, William A.

Hyde Park

Arnoff, Albert I.

Mansfield

Balyozian, Nicholas

Quincy

French, Berlin C.

Williamstown

King, J. Fitch

Worcester

Bullock, Jesse L.
Charron, Roy C.
Davis, Lewis
Jennings, Walter L.
Merigold, Benjamin A.
Sullivan, Joseph J.

MICHIGAN

Battle Creek

Fine, Morris S
Lindow, Carl W.
Thompson, J. J.
Wilder, H. Kenneth

Detroit

Cadwell, Sidney M.
Hovey, Almon G.
Macy, Icie G.
Norton, Arthur J.

Grand Rapids

Way, Elmer Francis

Midland

Coleman, Gerald H.

Saginaw

Lindfors, K. R.

MINNESOTA

Minneapolis

Smith, Lee I.

MISSOURI

Fayette

Gordon, Neil E.

Liberty

Jones, Judson W.

Rolla

Monroe, C. J.

St. Louis

Cotton, William J.

Kopecky, Ferdinand F. E.
Pastene, A. J.

MONTANA

Bozeman

Burke, Edmund, Sr.

NEVADA

Reno

Adams, Wayne B.
Dinsmore, Sanford C.
Harris, Cecil K.
Miller, Meredith R.
Randall, Edward L.
Stoddard, Kerby

NEW HAMPSHIRE

Berlin

Webber, Robert A.

Exeter

Segerblom, Wilhelm

Tilton

Crawford, John W.

NEW JERSEY

Arlington

Odell, Allan F.
Paine, Harold W.

Barnegat

Krause, Paul T.

Bayonne

Chelius, Hannah E.
Dodge, Francis D.
Schott, John E.
Tyler, Walter S., Jr.

Bloomfield

Allen, Ivey, Jr.
Bender, Howard L.
Brock, Frank P.
Butler, William H.
Casselman, Ralph T.
Catlow, William R., Jr.
Coe, John M.
Gates, Louis W.
Gesell, William H.
Hanson, Ernest R.
Hemperly, William F.
Klarmann, Emil
Meharg, Virgil E.
Moore, Robert J.
Pettit, Alfred, Jr.
Redman, Lawrence V.
Riley, Horace E.
Roughead, William G.
Schrimpe, Conrad F.
Shuey, Ralph C.
Skow, Norman A.
Turkington, Victor H.
Wakefield, Harold F.
Weith, Archie J.
Whiting, L. R.

Bound Brook

Adams, Frederic H.
Ahlbeck, Harry W.
Amick, Chester A.
Anderson, Ralph S.
Auer, E. Everett
Bacon, R. Charles
Benbrook, Charles H.
Brewer, Willard O.
Conn, Robert C.
Crossley, M. L.
Danald, George
Dolt, Maurice L.
Foote, Wilford J.
Gale, Shirley I.
Hill, A. Garrett
Hultquist, Martin E.
Kienle, Roy H.
Kline, Harry
Klipstein, Kenneth H.
Lacey, H. T.
Laury, N. A.
Linville, Clarence P.
Lombardo, Joseph B.
Mader, William J.
Medcalf, Eugene C.
Merz, August
Molinari, Vittorio
Munro, Wendell P.
Northey, Elmore H.

Norton, Arie R.
Peiker, Alfred L.
Perry, Leslie L.
Pfeiffer, Burton L.
Royer, George L.
Scalera, Mario
Seaman, William
Shafer, Lincoln M.
Shive, Roy A.
Smyth, Glen M.
Spencer, Cecil A.
Tchorni, David L.
Tichnor, Arthur A.
West, Byron L.
Whiting, Stanley H.
Wilder, Frank W.
Wintringham, Andrews C.
Woodson, D. P., Jr.

Burlington
Lontz, John F.

Camden
Haines, Edward C.

Carteret
Bricks, A. G.

Deepwater Point
McDermott, Frank A.

Dover
Aaronson, Henry A.
Allison, Vernon C.
Dunkle, Cyrus G.
Rinkenbach, William H.
Sager, DeWitt D.

Edgewater
Lang, Louis
Reeve, Charles S.

Elizabeth
Krumbhaar, William
Roon, Leo

Garfield
Thuor, Louis

Gibbstown
Filbert, William F.

Gloucester
Nonamaker, Frederick C.

Harrison
Davis, Lloyd W.
Licata, Francis J.
Steik, Karl T.
Wechsler, Ralph
Wolfson, Jacob

Hasbrouck Heights
Sohon, M. C.

Hillside
Whelan, Isabel R.

Jersey City
Deckert, Evangeline
Eldred, Frank R.
Hohman, A. J.
Ittner, Martin H.
Mulhall, Elizabeth M.
Ohlsson, Ernst
Orelup, J. W.
Tanner, W. L.

Kearny
Bonney, Robert D.

Lincoln
Northcutt, Robert F.

Linden
Bradley, T. F.
Cheney, Lowther B.
Davis, Harold S.
Fuller, Donald L.
Moore, Leonard P.
Roblin, Richard O., Jr.
Rochow, Theodore G.
Swain, Robert C.

Lodi
Schmeidler, Robert

Lyndhurst
Kosches, Norris R.

Manasquan
Hartwig, Carl E.

Manville
Badollet, Marion S.
Bunting, Donald C.
Cummins, A. B.
Plauka, John W.

Maurer
Traxler, Ralph N.

Montclair
Baker, John C.
Ellis, Carleton
Reed, Rufus D.

New Brunswick
Manwaring, Frederick G.
Read, W. T.
Rudolfs, Willem

Newark
Allen, Edward R.
Burgess, Lothian M.
Doubleday, R. S.
Edel, Albert E.
Ehrlich, J.
Entner, Bernard J.
Fishkind, David
Fletcher, Robert J.
Fosbinder, Russel J.
Frederick, Michael
Freundlich, Leo
Giesy, Paul M.
Goldstein, Jacob C.
Hartmann, Alfred E.
Jenness, Leslie G.
Lawellin, Samuel J.
Lichtin, James J.
Little, Ernest
Mandel, Hyman J.
Markovits, Theodore
Merkle, George E.
Olotka, Alexander
Riggs, Lloyd K.
Saphier, Julian
Smith, Richard C.
Turno, Irene A.
Walsh, Thomas J.
Weber, M. G.
Weiss, Morris L.

Palisades Park
Platow, Ada M.

Parlin
Hillman, William P., Jr.
Pitman, E. C
Sease, V. B.
Wing, Henry J.

Passaic
Belcher, Thomas L.
Fisher, Harry L.
Gibbons, W. A.
Kelly, Regina
Shinkle, Seaphes D.

Paterson
Boustead, John

Paulsboro
Francis, Alfred W.

Penns Grove
Dew, Walter A.

Perth Amboy
D'Eustachio, Gabriel
Sayre, Ralph

Phillipsburg
Marsiglio, E. F.

Plainfield
Gurinsky, David
Pollock, Abraham A.

Princeton
Furman, N. Howell
Jones, Lauder W.

Rahway
Rosin, Joseph

Rutherford
Moraw, Harry O.

Sewaren
Derick, C. G.

Somerville
Waters, Charles E.

South Amboy
Nelson, Walter K.
Plechner, Walter W.

Teaneck
Herr, Harold H.

Kroner, Albert J.
Rohrs, Frank A.

Trenton

Becher, Hubert L.
Burgess, Kenneth E.
Quisito, Joseph M.
Worley, Robert A.

Union City

Kurtz, Jacob

Warners

Christmann, Ludwig J.

Westfield

Helfrich, John
Stickney, Edward G.

Woodbridge

C[illegible]llito, Chester J.

NEW MEXICO

Albuquerque

Clark, John D.

NEW YORK

Albany

Bronson, Barnard S.
Paul, Ira

Ashokan

Friedman, Samuel

Brooklyn

Alessandroni, Hugh V.
Anderson, William B.
Anthes, John F.
Arrowsmith, Clarence J.
Bacharach, George
Bayer, Alfred R.
Bivins, Franklin H.
Breithut, Frederick E.
Browne, H. H.
DePhillips, Henry N. A.
Dorsky, Julian
Dowzard, Edwin
Englehardt, Carl L.
Evans, Raymond N.
Feinstein, Hyman I.
Fellows, Albert T.
Flaumenhaft, Irving
Gardner, William H.
Goodman, Leo A.
Grunbaum, Max.
Haight, Margaret
Hale, Frank E.
Hale, William L.
Hart, David
Horwitz, Leo
Kadishowitz, Milton
Kirk, Raymond E.
Kranich, Herbert
Leikind, Seymour S.
Livingston, Ernest
Mattiello, Joseph
Maurmeyer, Robert
Meyer, Martin
Muer, Henry F.
Neidle, Marks
Porcelli, Lucy T.
Pratt, Malcolm F.
Quinn, E. J.
Rambo, J. C.
Rogers, Allen
Rolland, Mary A.
Russo, Michael
Schachtmeister, Sidney C.
Sharefkin, David M.
Sharefkin, Jacob C.
Singer, David Evans
Smith, G. B. L.
Smith, Nathan
Snell, Chester A.
Snell, Foster Dee
Spitaleri, Frank
Uhlig, Edward C.
Vesce, Vincent C.
Whittaker, Roland M.
Winship, William W.
Zahnd, Hugo

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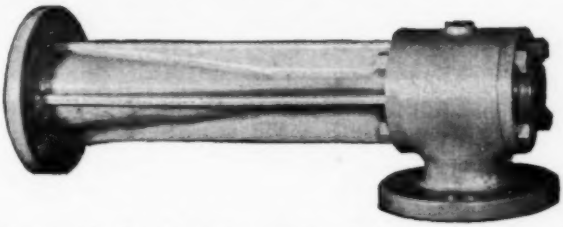

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